

OptimAir® Mask-Mounted P^APR

with Type HE OptiFilter® XL Cartridge



OptimAir Mask-Mounted P^APR Kits consist of motor/blower, NiMH battery, dual-rate charger, one Type HE OptiFilter XL Cartridge, PVC decon belt, and choice of facepiece. Housing of polycarbonate/polyester construction and stainless steel connectors result in extreme durability. NIOSH-approved as mask-mounted P^APR. **OptimAir Mask-Mounted P^APR offers a full two-year warranty.**

Choice of Facepiece



Advantage® 4000 Facepiece



Advantage 3100 Facepiece



Ultra Elite® Facepiece



Ultravue® Facepiece

Features

Motor/blower assembly

- Assembly threads onto facepiece inlet; does not impede vision or facepiece fit.
- Connects to battery pack with heavy duty lockable stainless steel power cable connector.
- Lightweight, compact design.
- Low maintenance, easy decontamination.



Compact, lightweight, NiMH battery pack

- Sealed 12.5-oz. NiMH battery pack is small enough to fit in most pockets.
- NiMH batteries do not have NiCad battery memory effect.
- Battery pack is water-resistant for easy shower decontamination.
- Operates for more than eight hours under most conditions.



Specifications

Weight:

- Motor/blower with cable 7.0 oz
- Battery pack 12.5 oz
- OptiFilter Cartridge, 3.5 oz

Motor/blower: approximately 1500 hours

Battery: nickel metal hydride rechargeable battery pack provides 8 hours (one shift) of continuous use. Battery pack delivers 4.8 volts (nominal).

Battery life: up to 1,000 charge/discharge cycles

Battery charger: rated service of 100-264 volts @ 50/60 Hz

Limitations:

- OptimAir Mask-Mounted P^APR with Type HE OptiFilter XL Cartridge is approved as a high-efficiency particulate P^APR.
- OptimAir Mask-Mounted P^APR does not remove vapors or gases from air.
- No filter is designed for all concentrations of all substances.
- It is essential to determine contaminants present and to determine airborne concentrations and explosive limits before respirator selection.
- OptimAir Mask-Mounted P^APR does not supply oxygen and should not be used unless surrounding air contains minimum 19.5% oxygen.
- Respirator may be used in temperatures between 0°F and 120°F (-17°C to 49°C); however, if used in temperatures below 40°F (4.4°C), fully-charged battery may not operate for full 8 hours.
- Replaceable filter cartridge for trapping particulate contaminants is minimum 99.97% efficient against 0.3 micron DOP.

Approvals and standards

OptimAir Mask-Mounted P^APR carries NIOSH approval No. TC-21C-0823 and TC-21C-824. Filters must be replaced when air flow drops below 4 cfm (115 lpm). *NOTE: OptimAir Mask-Mounted P^APR is not NIOSH-approved for use with gas, chemical or combination cartridges. Use only Type HE OptiFilter XL Filter.*

WE KNOW WHAT'S AT STAKE.

Complete OptimAir Mask-Mounted Assemblies (with facepiece)

All assemblies include:

- Motor/blower
- NiMH battery
- Dual-rate battery charger and cable
- One Type HE OptiFilter XL Cartridge
- Waist belt
- Choice of facepiece

OPTIMAIR MASK-MOUNTED PAPR COMPLETE ASSEMBLIES				
	Head Harness	Small	Medium	Large
ADVANTAGE 3100 PAPR	With rubber head harness	10095181	10095182	10095183
	Material	Small	Medium	Large
ADVANTAGE 4100 PAPR	Black silicone with rubber harness	10095193	10095189	10095197
	Black Hycar™ Rubber with rubber harness	10095194	10095190	10095198

OptimAir Mask-Mounted PAPR Kit (less facepiece) and Replacement Facepieces

Upgrade Kit includes:

- Motor/blower
- NiMH battery, dual-rate battery charger and cable
- One Type HE OptiFilter Cartridge
- Waist belt
- Use your present facepiece or order facepiece separately from ordering chart

	Description	P/N		
UPGRADE KIT	OptimAir Mask-Mounted PAPR Upgrade Kit	10095166		
	Facepiece	Small	Medium	Large
REPLACEMENT FACEPIECES <i>ADVANTAGE 3100</i>	Black silicone with rubber harness	10095193	10095189	10095197
	Black Hycar Rubber with rubber harness	10095194	10095190	10095198
	Material	Small	Medium	Large
REPLACEMENT FACEPIECES <i>ADVANTAGE 4100*</i>	Black silicone with net head harness	10083796	10083792	10083800
	Black Hycar Rubber with net head harness	10083797	10083793	10083801
	Material	Small	Medium	Large
REPLACEMENT FACEPIECES <i>ULTRA ELITE</i>	Silicone rubber head harness	493072	493028	493116
	Hycar Rubber head harness	493064	793020	493108

*Also requires RD40 Adapter P/N 10065330

Parts and Accessories

Description	P/N
Battery pack assembly, packaged	10095162
Motor/blower assembly, w/o cable, packaged	10095163
Cable assembly, packaged	10095164
Charger, packaged	10095165
Flow check device	487995
Adapter for flow check device	491046
Replacement belt, PVC	473902
Carrying/storage case, black plastic	D2056734
MSA Confidence Plus Germicidal Cleaner, 32 oz. bottle	10009971
Cable assembly, OptimAir MM2K PAPR	10023480
Battery pack, OptimAir MM2K PAPR	10023481
Charger, dual-rate, OptimAir MM2K PAPR	10023483

OptiFilter Cartridges for OptimAir Mask-Mounted and MM2K PAPR

MSA Purifying Element	Purifying Protection Code	Color Code	No. in Box	P/N
OptiFilter XL, Type HE	HE		20	10042346
OptiFilter XL, Type HE	HE		6	496081

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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